Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 08 Jul 2023 until 23:59 on Sunday 09 Jul 2023

Forecast Issued on Friday 07 Jul 2023 at 15:28

Confidence: High confidence in unsettled weather for upcoming days, but lower for details and timing of rain and showers.

Headline for Saturday 08 Jul 2023: A dry and sunny start, before cloud and frequent heavy rain and showers move in, with thunder at times.

Mountain weather hazards on Saturday 08 Jul 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
High Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
High Likelihood

Storm force winds
No Likelihood

Poor visibility
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny	Heavy Rain	Heavy Rain	Thunderstorm	Thunderstorm	Light rain showers (night)
Precipitation probability							
00%	00%	10%	70%	90%	90%	70%	20%

Forecast for Saturday 08 Jul 2023

Weather: Clear spells overnight give way to high cloud pushing in from the west through the early morning. A band of cloud and showery rain will move in during the morning, with occasional heavy and thundery downpours. Showers likely to stay over the region throughout the day, with heaviest showers through the afternoon and evening, before showers mostly ease away to the east into the night. The odd sunny spells not out of the question going into the evening.

Chance of cloud-free hill tops above 600m: 90% at first, dropping to 60% for western slopes and during heavy afternoon showers.

Low Cloud and visibility: High patchy cloud will give way to more overcast skies through the morning. Cloud will mostly stay above the summits, but some lower cloud down to 600-700 m is possible at times through the afternoon, mainly across western slopes and especially in heavier showers. Visibility generally very good to start, but falling to poor for much of the day in persistent showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Saturday 08 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/28 SE	18/30 SE	18/27 SE	15/21 SE	13/20 S	10/14 S	8/15 S	6/9 NW	5/7 NW
300	9/27 SE	9/27 SE	11/27 SE	10/19 SE	10/23 S	5/12 SE	5/11 SW	4/9 NW	3/7 NW
Valley	11/26 E	14/30 E	12/28 E	10/21 SE	8/20 S	6/14 S	4/10 NW	3/5 N	2/3 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/13	16/12	16/13	18/16	17/15	16/14	15/14	13/12	13/12
300	17/16	16/15	18/16	22/20	19/18	18/18	16/16	14/14	14/13
Valley	19/17	18/15	20/17	24/22	20/20	19/19	16/16	15/15	14/14
Freezing Level*	2800m	2900m	3000m	3200m	3200m	3200m	3100m	2800m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some strong winds likely over higher peaks first thing. Gusty conditions also likely through the day in or close to heavy showers. Heavy downpours may also make for treacherous walking conditions. Moderate UV levels are forecast so carrying sun protection recommended for any sunny spells.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 07 Jul 2023	0mm	1.4mm	1.4mm

Forecast for Sunday 09 Jul 2023

Weather: Dry through the morning with sunny spells at times. Occasional showers possible through the afternoon, pushing northeastwards, with the odd heavy and thundery burst possible, and likely continuing into the evening.

Maximum wind: Southwesterly 10 mph, perhaps gusting up to 15-20 mph

Chance of cloud-free hill tops above 600m: 80% in west first thing, rising to 90%. 90% elsewhere

Low Cloud and visibility: Some low cloud possible across eastern slopes at first, but quickly clearing. Cloud then comfortably above summits through the day. Visibility generally very good, dropping to poor in showers.

Temperature: **Valleys:** Plus
At 600m: Plus
Freezing level: Above summits.

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